



Case No.:

ELIIP-003A

EV261490918US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Magnussen, *et al.*

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Art Unit No.: 2834

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Serial No.: 09/800,975

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Examiner: Mark O. Budd

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Filed: March 8, 2001

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For: Vibratory Motors and Methods of  
Making and Using Same

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AMENDMENT AFTER FINAL & REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON D C 20231

Dear Sir:

In response to the Office Action Mailed Nov. 20, 2002, please amend the claims as follows:

Please delete Claims 22-35 and 39.

Please amend the claims as follows:

36. (Once Amended) A piezoelectric driver apparatus for controlling the operation of a vibrating element having a mechanical resonator with a selected contacting portion for contacting a driven element, apparatus comprising:

only one piezoelectric element having an inherent capacitance and driving the mechanical resonator, the mechanical resonator being formed in the shape of an elongated member having a longitudinal axis and a second axis perpendicular thereto, and further being formed to have an opening defined by sidewalls and containing the piezoelectric element therein, and wherein every cross-section of the resonator perpendicular to the second axis is the same;

at least one switching element allowing the application of a predetermined signal;

at least one electrical resonator driver circuit driving the vibrating element, wherein the driver circuit is electrically coupled to and activated by the switching element to drive the